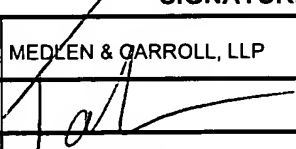



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TRANSMITTAL FORM DEC 22 2006 (to be used for all correspondence after initial filing)	Application Number	10/761,557
	Filing Date	01/21/2004
	First Named Inventor	Surmeier et al.
	Art Unit	1635
	Examiner Name	Chong
	Attorney Docket Number	NWESTERN-08739
Total Number of Pages in This Submission		4

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
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<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	Remarks This communication is responsive to the Office Action mailed 11/14/06. The Commissioner is hereby authorized to charge payment of any additional fees associated with this communication, and/or credit any overpayment, to Deposit Account No. 08-1290.	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	MEDLEN & CARROLL, LLP		
Signature			
Printed name	Tanya A. Arenson		
Date	December 14, 2006	Reg. No.	47,391

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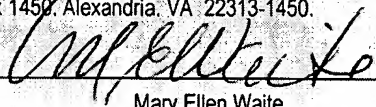
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Surmeier, et al.
Serial No.: 10/761,557
Filed: 01/21/2004
Entitled: **Manipulation of Neuronal Ion Channels**

Group No.: 1635
Examiner: Chong

**RESPONSE TO OFFICE ACTION MAILED
NOVEMBER 14, 2006**

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Date: December 14, 2006	By:  Mary Ellen Waite

Examiner Chong:

This communication is responsive to the Office Action mailed 11/14/06. Applicants respectfully request reconsideration of the application in view of the following amendments and remarks.